

EXPRESS MAIL NO. EV 302234001 US



PATENT APPLICATION  
Docket No: 15689.66

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
 )  
Teruya Fujii )  
 )  
Serial No.: 09/784,472 ) Art Unit  
 ) 2644  
Filing Date: February 15, 2001 )  
 )  
Confirmation No.: 2808 )  
 )  
For: LEADING WAVE POSITION DETECTING )  
UNIT, RECEIVER, LEADING POSITION )  
DETECTING UNIT, LEADING WAVE )  
POSITION DETECTING METHOD AND )  
LEADING POSITION DETECTING METHOD )

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record

believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

In accordance with 37 C.F.R. § 1.98(a)(3), the following concise explanation of the relevance of each listed reference that is not in the English language and unaccompanied by a translation into English is provided. The concise explanation for Japanese Publication No.: 11261499A is provided in the English abstract of that publication. The concise explanation for Japanese Publication No.: 09008767A is provided in the English abstract of that publication

DATED October 6, 2003

Respectfully submitted,

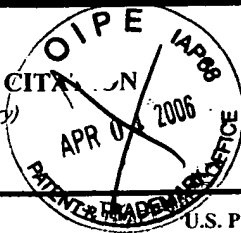


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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)  
15689.66

Application Number  
09/784,472

Applicant(s)  
Teruya Fujii

Filing Date  
2/15/2001

Group Art Unit  
2644

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	5,423,067 ✓	6/6/1995	Manabe	455	56.1	9/4/1992

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	2	EP1096711A1	5/2/2001	Europe ✓	H04J13	00	✓	
	3	11261499A ✓	9/24/1999	Japan	H04B17	00	✓	
	4	09008767A ✓	1/10/1997	Japan	H04J13	00	✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


XAMINER

DATE CONSIDERED

XAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**"CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Teruya Fujii

Docket No.

15689.66

Serial No.

09/784,472

Filing Date

2/15/2001

Examiner

Group Art Unit

2644

Invention: **LEADING WAVE POSITION DETECTING UNIT, RECEIVER, LEADING POSITION  
DETECTING UNIT, LEADING WAVE POSITION DETECTING METHOD AND LEADING  
POSITION DETECTING METHOD**

I hereby certify that the following correspondence:

(see below)

*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

October 6, 2003*(Date)*ADRIAN J. LEE*(Typed or Printed Name of Person Mailing Correspondence)*  
*(Signature of Person Mailing Correspondence)*EV 302234001 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

Transmittal for Information Disclosure Statement (2 page; duplicate);  
Information Disclosure Statement Under 37 C.F.R. § 1.97 ( 2 pages);  
Form PTO-1449 Listing of References (1 page);  
Legible Copy of References; (4 references)  
Certificate of Express Mail (EV302234001US);  
Acknowledgment Postcard

**"TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
(Under 37 CFR 1.97(b) or 1.97(c))"**

Docket No.  
**15689.66**

In Re Application Of: **Teruya Fujii**

Serial No.  
**09/784,472**

Filing Date  
**2/15/2001**

Examiner

Group Art Unit  
**2644**

Title: **Leading Wave Position Detecting Unit, Receiver, Leading Position Detecting Unit, Leading Wave  
Position Detecting Method And Leading Position Detecting Method**

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION, DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
15689.66

In Re Application: Teruya Fujii

Serial No.  
09/784,472

Filing Date  
2/15/2001

Examiner

Group Art Unit  
2644

Leading Wave Position Detecting Unit, Receiver, Leading Position Detecting Unit, Leading Wave  
Position Detecting Method And Leading Position Detecting Method

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 23-3178  
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- ☐ Charge the amount of \_\_\_\_\_
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\*This certificate may only be used if paying by  
deposit account.

  
Signature

Dated: October 6, 2003

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Customer No.: 022913

CC: